

4.2.G. 0604000507 (West Sandy Creek).

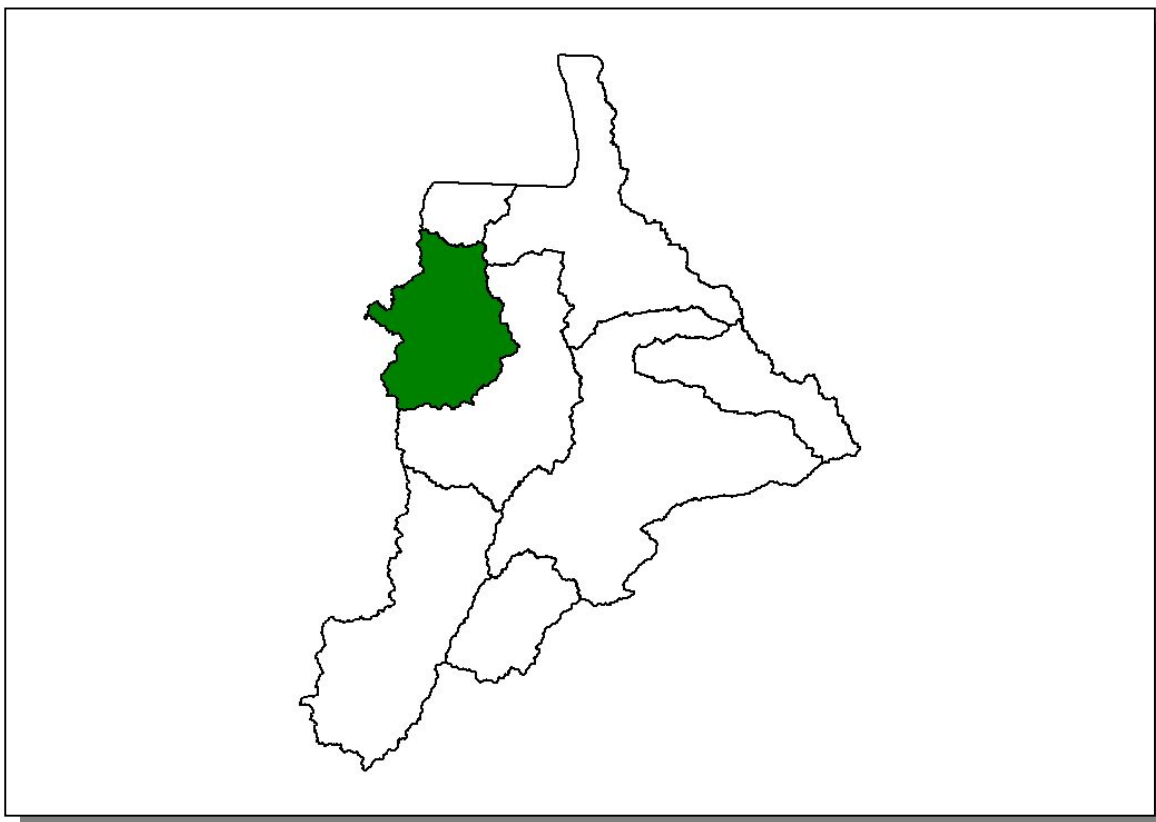


Figure 4-62. Location of Subwatershed 0604000507. All Tennessee Western Valley (KY Lake) HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.G.i. General Description.

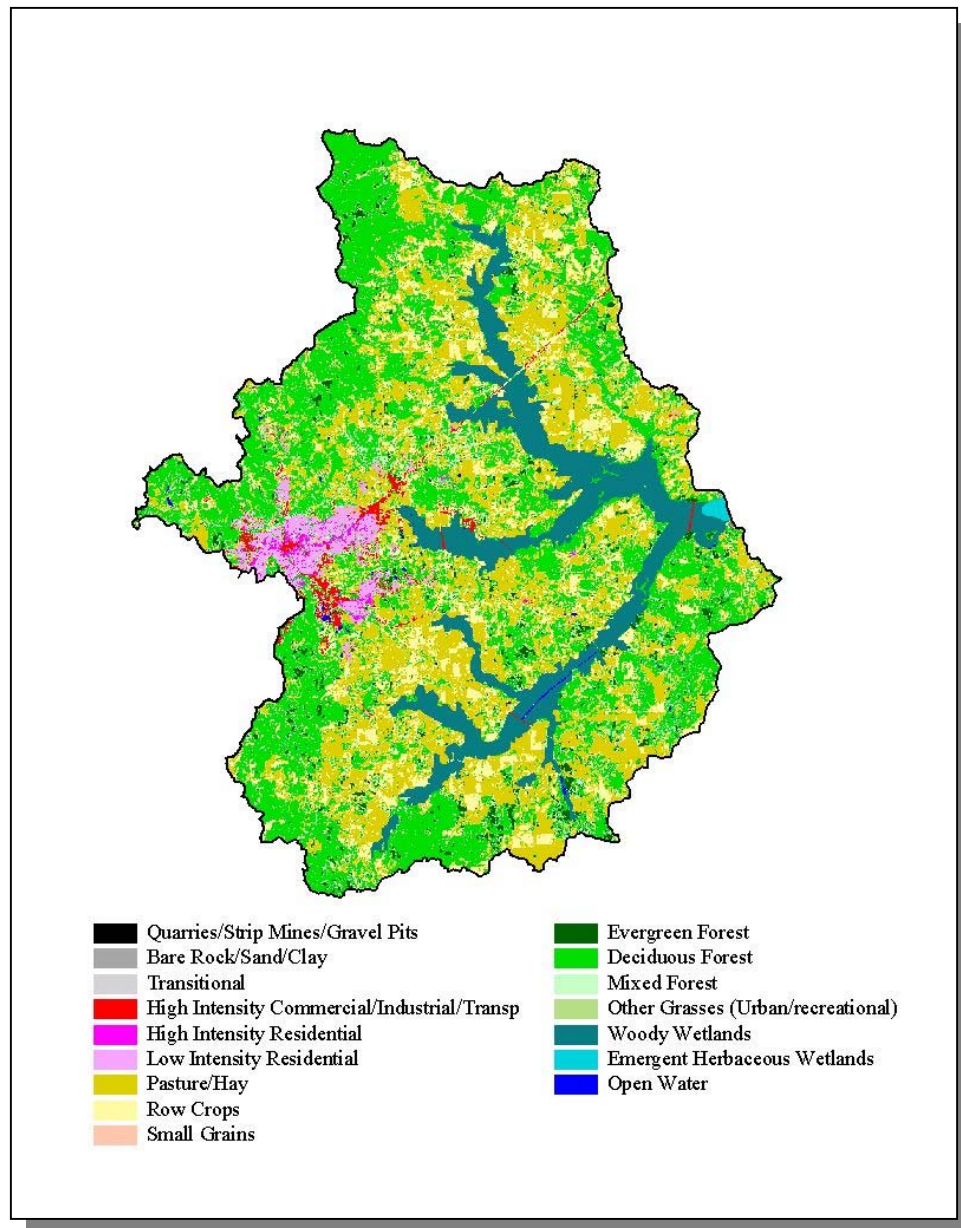


Figure 4-63. Illustration of Land Use Distribution in Subwatershed 0604000507.

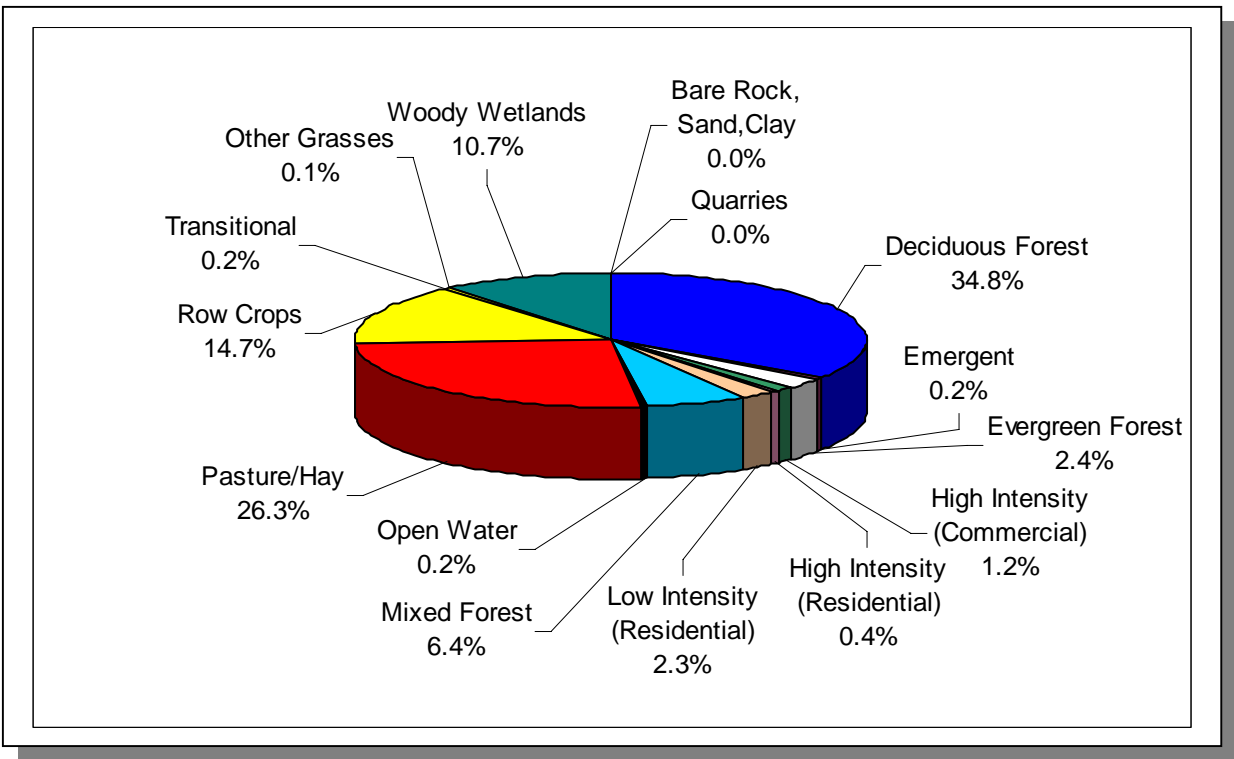


Figure 4-64. Land Use Distribution in Subwatershed 0604000507. More information is provided in Appendix IV.

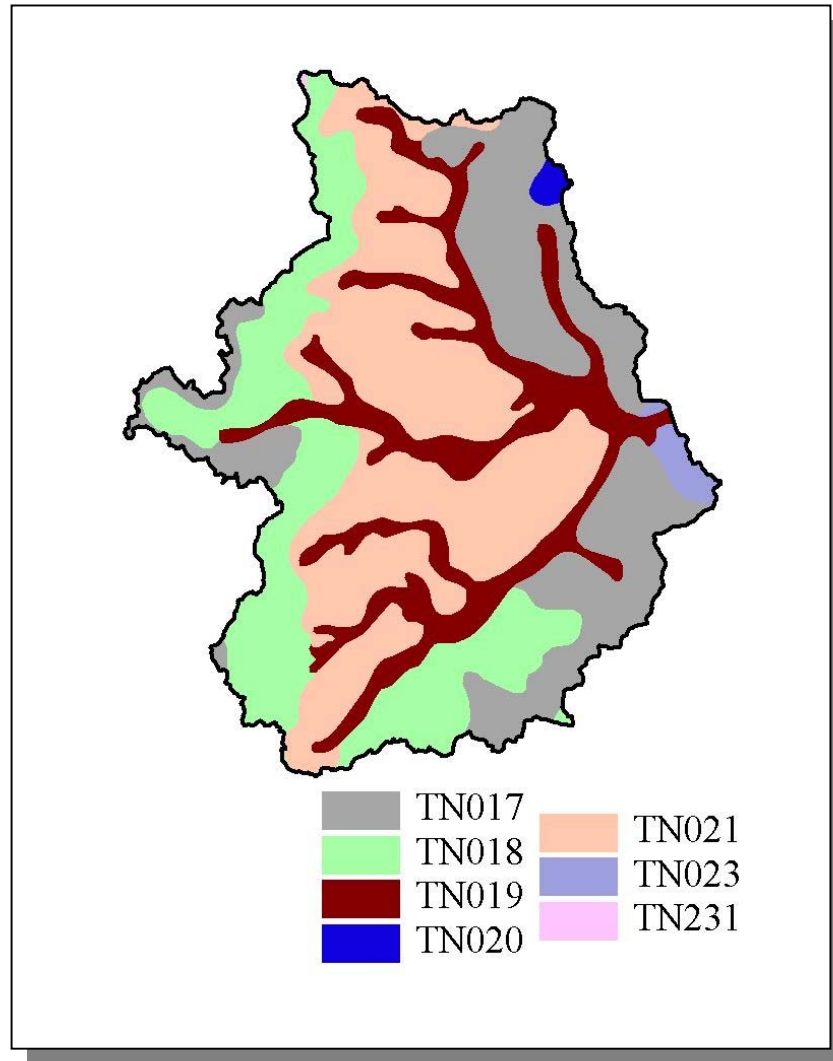


Figure 4-65. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000507.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGI C GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN017	0.00	B	1.81	5.26	Silty Loam	0.45
TN018	8.00	B	2.62	5.10	Loam	0.38
TN019	186.00	C	1.54	4.76	Loam	0.26
TN020	0.00	C	1.57	5.11	Silty Loam	0.40
TN021	15.00	C	1.30	5.00	Silty Loam	0.43
TN023	51.00	C	1.35	5.12	Silty Loam	0.42
TN231	16.00	C	1.30	5.21	Silty Loam	0.48

Table 4-39. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000507. More information is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Henry	27,888	29,830	31,115	24.2	6,759	7,230	7,541	11.6

Table 4-40. Population Estimates in Subwatershed 0604000507.

NUMBER OF HOUSING UNITS						
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Paris	Henry	9,332	4,538	4,382	151	5

Table 4-41. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0604000507.

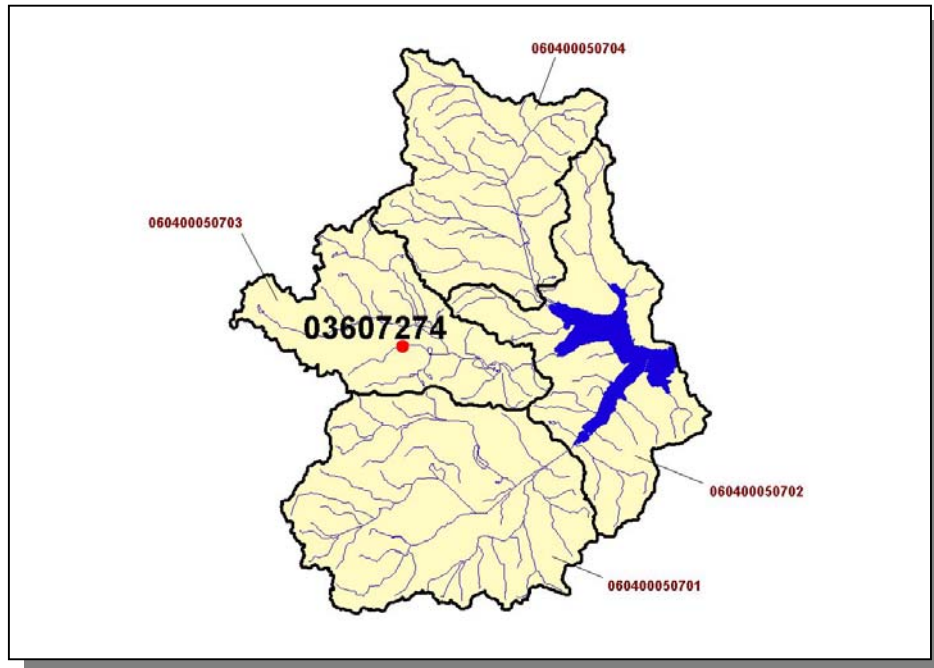


Figure 4-66. Location of Historical Streamflow Data Collection Sites in Subwatershed 0604000507. Subwatershed 060400050701, 060400050702, 060400050703, and 060400050704 boundaries are shown for reference. More information is provided in Appendix IV.

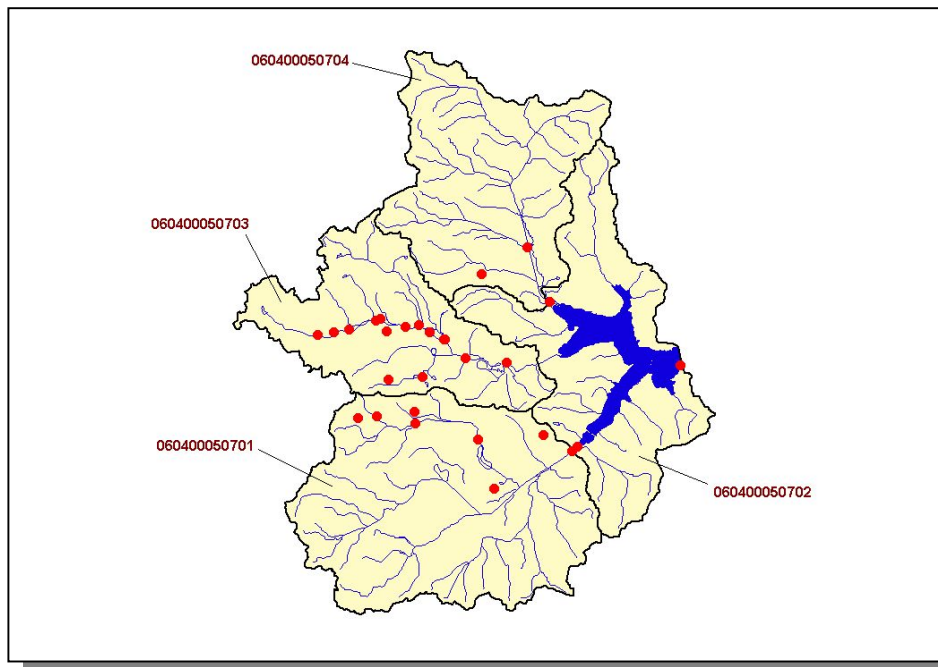


Figure 4-67. Location of STORET Monitoring Sites in Subwatershed 0604000507. Subwatershed 060400050701, 060400050702, 060400050703, and 060400050704 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

4.2.G.ii. Point Source Contributions.

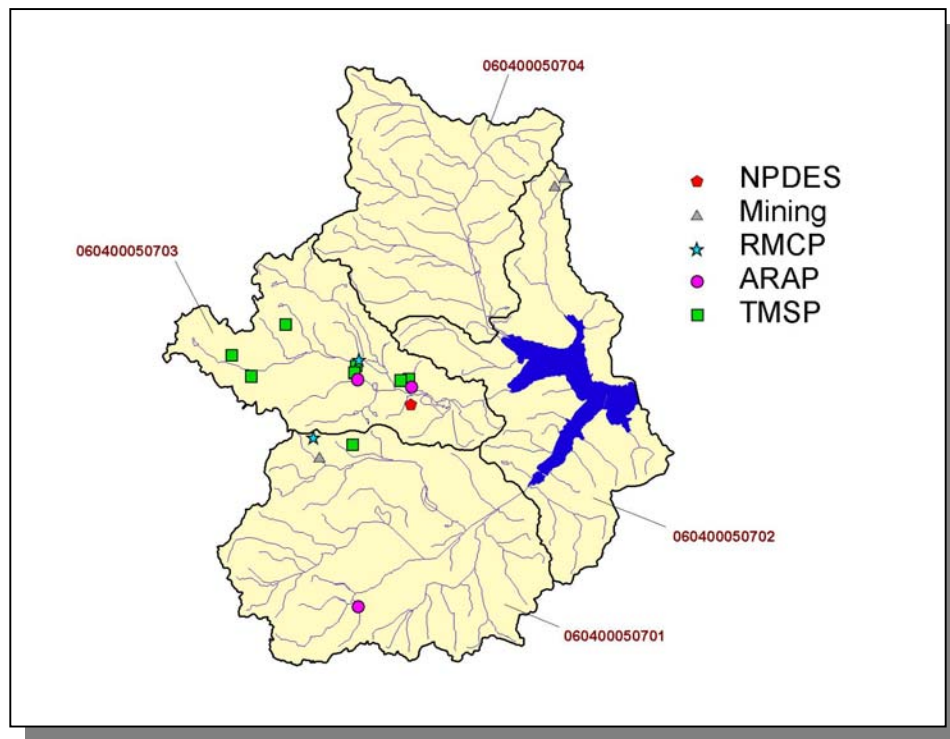


Figure 4-68. Location of Active Point Source Facilities in Subwatershed 0604000507. Subwatershed 060400050701, 060400050702, 060400050703, and 060400050704 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

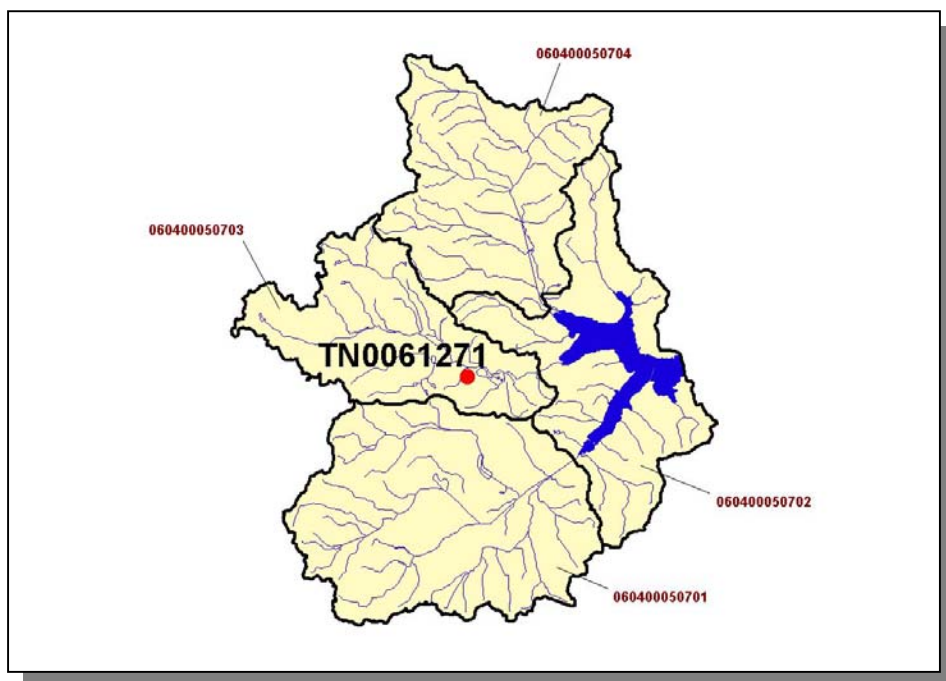


Figure 4-69. Location of NPDES Facilities in Subwatershed 0604000507. Subwatershed 060400050701, 060400050702, 060400050703, and 060400050704 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

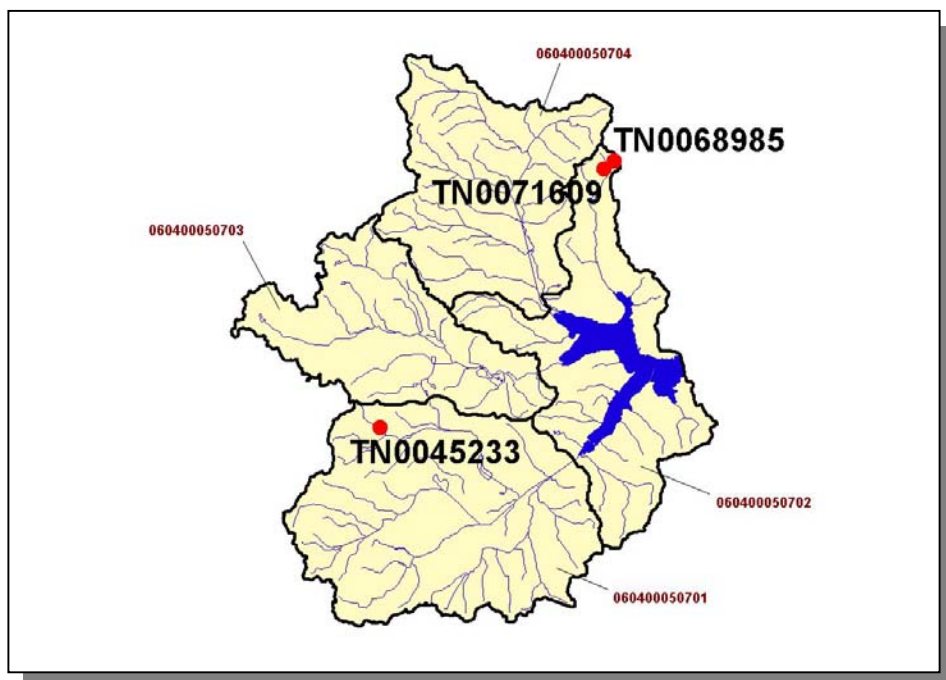


Figure 4-70. Location of Active Mining Facilities in Subwatershed 0604000507. Subwatershed 060400050701, 060400050702, 060400050703, and 060400050704 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

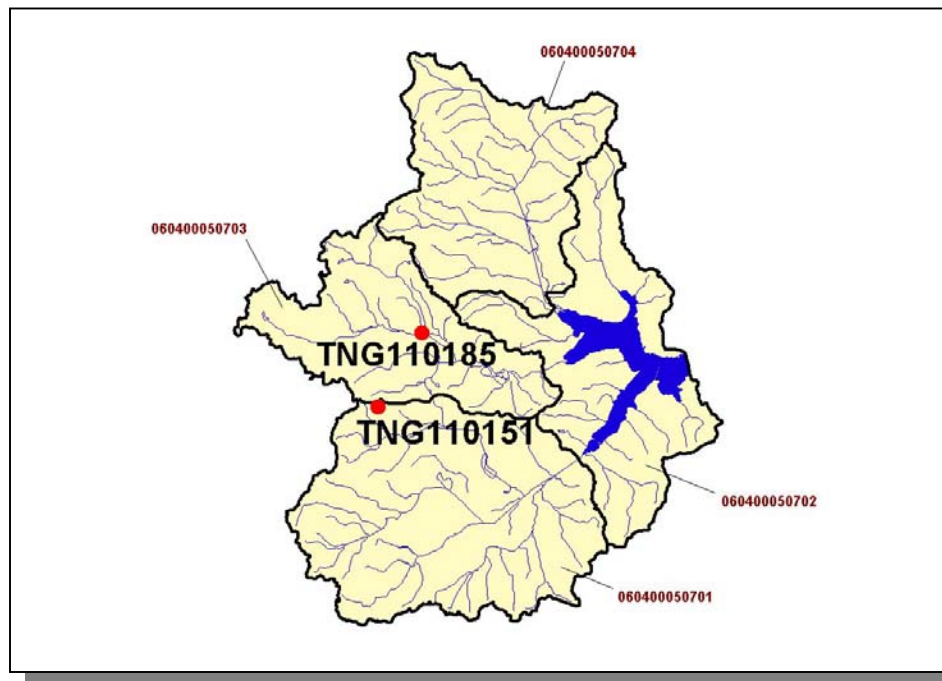


Figure 4-71. Location of Ready Mix Concrete Plants in Subwatershed 0604000507. Subwatershed 060400050701, 060400050702, 060400050703, and 060400050704 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

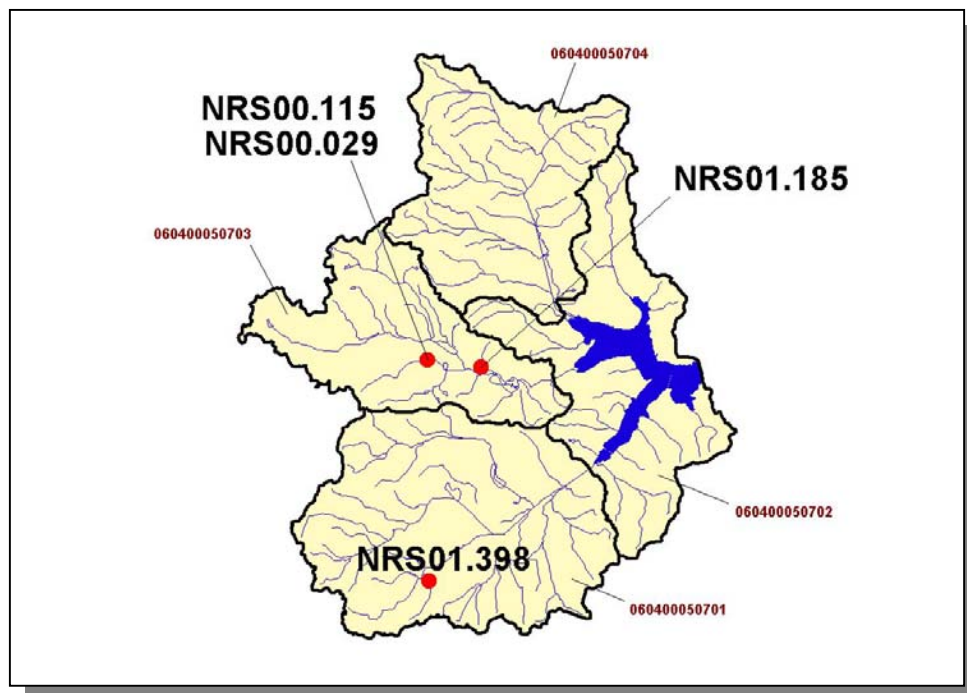


Figure 4-72. Location of ARAP Sites (Individual Permits) in Subwatershed 0604000507. Subwatershed 060400050701, 060400050702, 060400050703, and 060400050704 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

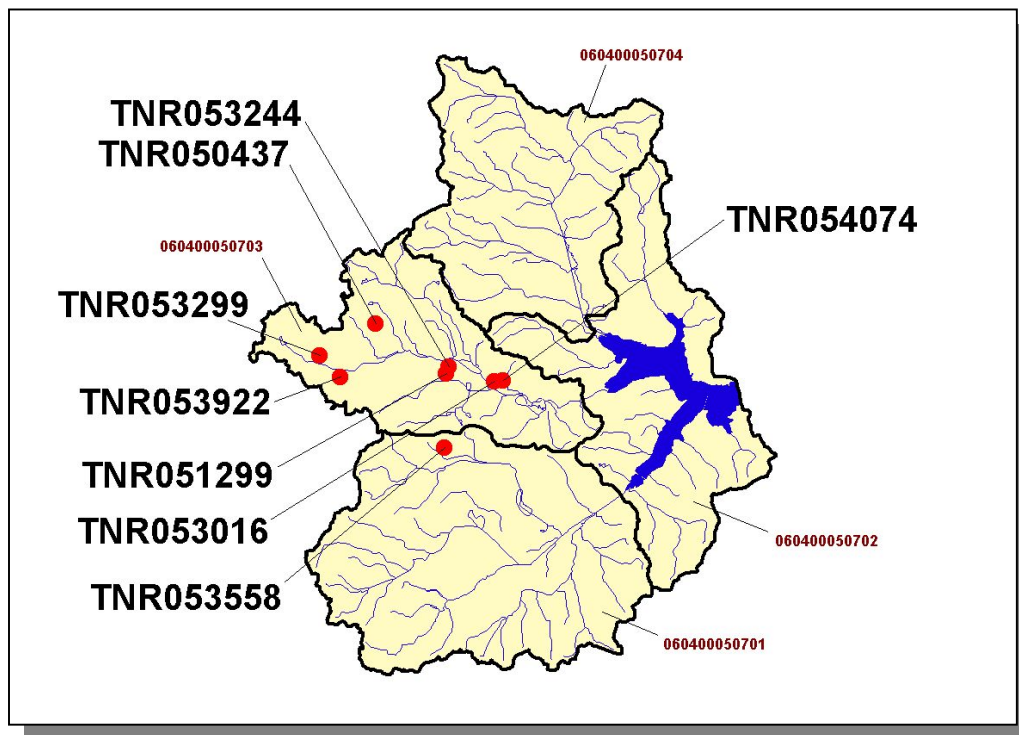


Figure 4-73. Location of TMSP Facilities in Subwatershed 0604000507. Subwatershed 060400050701, 060400050702, 060400050703, and 060400050704 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

4.2.G.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Chickens Sold	Hogs	Sheep
2,201	5,008	442	7	<5	8,932	22

Table 4-42. Summary of Livestock Count Estimates in Subwatershed 0604000507.
According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Henry	176.1	176.1	1.9	7.1

Table 4-43. Forest Acreage and Average Removal Rates (1987-1994) in Subwatershed 0604000507.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.25
Grass (Hayland)	0.25
Legumes, Grass (Hayland)	0.11
Grass, Forbs, Legumes (Mixed Pasture)	0.52
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	7.72
Soybeans (Row Crops)	6.38
Wheat (Close Grown Cropland)	6.02
Other (Horticultural)	16.41
Other Cropland not Planted	2.61
Conservation Reserve Program Lands	0.57
Nonagricultural Land Use	0.00
Farmsteads and Ranch Headquarters	0.10

Table 4-44. Annual Estimated Total Soil Loss in Subwatershed 0604000507.